PATENT COOPERA	ATION TREATY				
From the INTERNATIONAL SEARCHING AUTHORITY	PCT				
To: HASELTINE LAKE Attn. Giles, Ashley S. Imperial House, 15-19 Kingsway	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION				
London WC2B 6UD	(PCT Rule 44.1)				
	Date of mailing (day/month/year) 02/07/2004				
Applicant's or agent's file reference P83513PC00	FOR FURTHER ACTION See paragraphs 1 and 4 below				
International application No.	International filing date (day/month/year) 03/11/2003				
PCT/GB 03/04695 Applicant					
DYNAMIC PROCESSING SOLUTIONS PLC					
The applicant is hereby notified that the international Search Filing of emendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claim When? The time limit for filing such amendments is normal international Search Report; however, for more de	The applicant is hereby notified that the International Search Report has been established and is transmitted horewith. Filling of emendments and statement under Article 19: The applicant is entitled, if he so wishes, to arriend the claims of the International Application (see Rule 46): When? The time Ilmit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet. Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Esecimile No.: (41-22) 740,14.35				
Where? Directly to the 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41-22) 740.14.35					
For more detailed instructions, see the notes on the acco	empanying sheet.				
2. The applicant is hereby notified that no International Search Article 17(2)(a) to that effect is transmitted herewith.	h Report will be established and that the declaration under				
3. With regard to the protest against payment of (an) addition	anal fee(s) under Rule 40.2, the applicant is notified that:				
the protest together with the decision thereon has been applicant's request to forward the texts of both the pro	in transmitted to the International Bureau together with the test and the decision thereon to the designated Offices.				
no decision has been made yet on the protest; the ap					
4. Further action(s): The applicant is reminded of the following:					
Shortly after 18 months from the priority date, the international a lifthe applicant wishes to avoid or postpone publication, a notic priority claim, must reach the international Bureau as provided completion of the technical preparations for international public	in Rules 90bis.1 and 90bis.3, respectively, before the ation.				
Within 19 months from the priority date, a demand for internation wishes to postpone the entry into the national phase until 30 m	outlis tight the bright odds (in some comess over lene).				
Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.					

ſ	Name and mailing address of the International Searching Authority	Authorized officer
l		John Berry
١	NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 apo nl. Fax: (+31-70) 340-3016	Oom berry
ı	Fax: (+31-70) 340-3016	

PATENT COOPERATION TREATY

AKERS



PCT



INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P83513PC00	FOR FURTHER see Notification (Form PCT/ISA/	of Transmittal of International Soarch Report 220) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB 03/04695	03/11/2003	05/11/2002
Applicant DYNAMIC PROCESSING SOI	LUTIONS PLC	
This International Search Report he according to Article 18. A copy is be	as been prepared by this international Searching Autoing transmitted to the International Bureau.	thority and is transmitted to the applicant
This International Search Report of this also accompan	onsists of a total of <u>Q8</u> sheets. nied by a copy of each prior an document cited in this	e report.
Basis of the report With regard to the language	re, the international search was carried out on the ba	sis of the international application in the
language in which it was fit	ed, unless otherwise indicated under this Itam. earch was carried out on the basis of a translation of	
Authority (Rule 23.	1(b) <u>)</u> .	
b. With regard to any nucleof	tide and/or amino acid sequence disclosed in the in	nternational application, the International search
was carried out on the basi	s or the sequence listing : remational application in written form.	
<u> </u>	he International application in computer readable for	m.
<u> </u>	ently to this Authority in written form.	
ا اسبا	antly to this Authority in computer readble form.	
the statement that	the subsequently furnished written sequence listing a ation as filed has been furnished.	does not go beyond the disclosure in the
	the information recorded in computer readable form	is identical to the written sequence listing has be
2. Certain claims we	re found unsearchable (See Box I).	
3. X Unity of Invention	ia lacking (see Box II).	
4. With regard to the title,		
the text is approved	d as submitted by the applicant.	
1:=1	stablished by this Authority to read as follows:	
APPARATUS AND METH VESSEL INTO A CLOS	OD FOR TRANSFERRING SETTLED OR ED VESSEL	SUSPENDED SOLIDS FROM AN OP
5. With regard to the abstract,		
the text has been e	of as submitted by the applicant. stablished, according to Rule 38.2(b), by this Author om the date of mailing of this international search re	ity as it appears in Box III. The applicant may, pert, submit comments to this Authority.
6. The figure of the drawings to b	e published with the abstract is Figure No.	1
X as suggested by th	e applicant	None of the figures.
hosauga sha nanile	ant failed to suggest a figure.	
l pacarse ne abbito		

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

national application No. PCT/GB 03/04695

Box I	Observations where certain claims were found unsearchable (Continuation of its pof first sheet)
This inter	mational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out; specifically:
з. 🔲	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a),
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inter	metional Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1.	As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. 🗌	As all searchable claims could be searched without effort justifying an additional les, this Authority did not invite payment of any additional les.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-5, 19
Remark d	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1998)

page 1 of 3





FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application. as follows:

1. claims: 1-5,19

APPARATUS FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN THE FLUIDISING APPARATUS COMPRISES A FLOW CHAMBER

2. claims: 6,7

APPARATUS FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN RATE OR CONCENTATION CONTROL MEANS ARE PROVIDED

3. claims: 8-18,22-25,27

APPARATUS AND METHOD FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN THE SUSPENDED SOLIDS OF THE CLOSED VESSEL ARE TRANSFERRED TO A TRANSPORT VESSEL

4. claim: 20

METHOD FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN THE FLUID IS DRAWN FROM THE CLOSED VESSEL TO THE OPEN VESSEL BY MEANS OF A PUMP OR COMPRESSOR

5. claims: 21,26

METHOD FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN THE FLUID IS RECIRCULATED BETWEEN THE CLOSED VESSEL AND THE OPEN VESSEL

6. claims: 28, 29

METHOD FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN MATERIAL IS REMOVED FROM THE SEA BED

7. claim: 30

METHOD FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN RADIACTIVE WASTE SOLIDS ARE REMOVED FROM STORAGE PONDS OR TANKS

8. claim: 31

METHOD FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN MATERIAL DEPOSITED AT THE BASE OF A MINE SHAFT IS CONVEYED TO A TRANSPORT VESSEL



PCT/ GB 03/04695 International Application

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

9. claim: 32

METHOD FOR TRANSFERRING SETTLED OR SUSPENDED SOLIDS, WHEREIN A MATERIAL IS DIRECTLY CONVEYED INTO THE SUCTION LINE OF A SLURRY PUMP AT CONCENTRATIONS AND/OR PRESSURES MATCHED TO

THE PUMP'S CHARACTERISTICS

page 3 of 3

INTERNATIONAL SEARCH REPORT

national application No.

PCT/GB_03/04695

BOX III TEXT OF THE ABSTR

(Continuation of item 5 of the first sheet)

Apparatus for transferring settled or suspended solids from an open vessel (4) into a closed vessel (6), the apparatus comprising a suction line (22) which extends from the closed vessel (6) to the open vessel (4) via drive means (24), such as a pump or compressor, and a solids feed line (26) which extends from a solids outlet (18) in the open vessel (4) to a solids inlet in the closed vessel (6), a fluidizing apparatus (10) being provided to fluidise the solids in the open vessel (4).

Form PCT/ISA/210 (continuation of first sheet (2)) (July 1998)

INT-QNATIONAL SEARCH REPORT

nal Application No Inter PCT/GB 03/04695

A. CLASSIFICATION OF SUBJECT MAT IPC 7 B65G53/30 B

/093

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) 1PC 7 B656 B08B E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

TO THE

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 2 010 538 A (CLEMENT EVANS RONALD) 6 August 1935 (1935-08-06)	1,19		
Y	page 1, left-hand column, line 5 - line 13; figures 24,25,27 page 3, right-hand column, line 65 - line 75	2-5		
Y	US 4 721 126 A (HORII KIYOSHI) 26 January 1988 (1988-01-26) column 1, line 6 - line 12; figure 1 column 6, line 7 - line 62	2-5		
X	CA 2 315 670 A (C FER TECHNOLOGIES 1999	1,19		
Y	INC) 11 February 2002 (2002-02-11) page 4, paragraph 2 - page 5, paragraph 1; figures 1,2	2-5		
	- /			

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral displosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T' later document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention." "X' document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y' document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such document, such combination being obvious to a person skilled in the art. "a" document member of the same patent family.
Data of the actual completion of the international search 13 February 2004	Date of mailing of the international search report 8 2 07 2004
Name and mailing address of the ISA European Patern Office, P.B. 5616 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorizad officer Schneider, M

Form PCT/ISA/210 (second sheet) (January 2004)

		INTERNATIONAL SEARCH REPORT	Inte and Application No
			PCT/GB 03/04695
	CICAGNO	Riton) DOCUMENTS CONST	
	Category*	Citation of document, with the con, where appropriate, of the relevant passages	Relevant to claim No.
•	Y	US 5 033 545 A (SUDOL TAD A) 23 July 1991 (1991-07-23) column 5, line 37 - line 60; figures 5,5A	2-5
	x	US 5 167 841 A (MIMS KEN) 1 December 1992 (1992-12-01) column 1, line 36 - column 2, line 13; figures 1-3	1,19
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	x	DE 17 56 836 A (HOELTER HEINZ) 27 August 1970 (1970-08-27) page 1, paragraph 1 - page 3, paragraph 1; figure 1	1,19
	x	US 3 993 146 A (MILLER WILLIAM J ET AL) 23 November 1976 (1976-11-23) column 1, line 51 - column 2, line 8; figures 1,2	1,19
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		The treates the discount sheet (for the 2006)	

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1	US !	5167841	Α	01-12-1992	US US US	47072 524430 48184	A 86	17-11-1987 14-09-1993 04-04-1989
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	DE	1756836	Α	27-08-1970	DE	17568	36 A1	27-08-1970
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